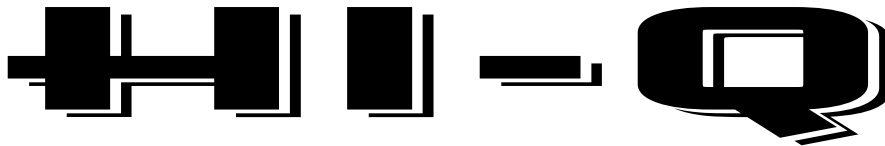




Journal of the Lakehead Amateur Radio Club



Thunder Bay, Ontario



Volume 83

October 2017

Issue 8

ANNUAL SET

On SATURDAY OCTOBER 14/17 is the annual S.E.T. (Simulated Emergency Test)

The S.E.T. will begin at 10:00am . I will be initiating the phone tree, as well as a net on VE3YQT

All ARES and non-ARES members are encouraged to participate .

Brad VE3MXJ

ARES E.C. for the Thunder Bay ARES Group

"Force of 50" Steps Up to Assist Hurricane-Ravaged Puerto Rico

Members of the Amateur Radio community have volunteered to assist in the ongoing recovery from Hurricane Maria, which devastated Puerto Rico and Dominica and, to a lesser extent, the US Virgin Islands. This week, 50 of the most accomplished US radio amateurs responded within 24 hours to a call from the American Red Cross (ARC) to deploy to Puerto Rico and provide emergency communications assistance there. At the ARC's request, ARRL rallied the US Amateur Radio community to provide up to 25 two-person teams of highly qualified hams. ARRL CEO Tom Gallagher, NY2RF, said that more than 350 answered the call, from nearly every state.

"This generous outpouring of response represents the finest qualities of the Amateur Radio community," he said. "These individuals are dropping whatever they are doing now, heading off to an extended hardship-duty assignment, and offering their special talents to Americans who have been cut off from their families, living amid widespread destruction and without electrical power since Hurricane Maria struck the Caribbean region last week."

The group's principal mission will be to move health-and-welfare information from the island back to the US mainland, where that data will be entered in the Red Cross Safe and Well system. The Salvation Army Team Emergency Radio Network (SATERN) has been asked to assist these operators when they check in with tactical, health-and-welfare (H&W), and Safe and Well messages.

SATERN and other active nets are not accepting incoming H&W inquiries. The Caribbean Emergency and Weather Net (CEWN) is taking incoming H&W inquiries via e-mail for Dominica. The Puerto Rico Federal Affairs Administration (PRFAA) is taking inquiries (only one per sender) via e-mail for Puerto Rico. Inquiries should include the full name and location of both the sender and the individual(s) being sought and the sender's e-mail address.

The group will be in Puerto Rico for up to 3 weeks. ARRL has equipped each team with an HF transceiver, software, a dipole antenna, a power supply and all connecting cables, fitted in a rugged waterproof container. In an unprecedented and crucial move, the Federal Emergency Management Agency (FEMA) agreed to help get the Ham Aid gear to Puerto Rico.

ARRL via Brad VE3MXJ

a friendly reminder that October 20th at 7:00pm is the **MONTHLY ARES NET** , on VE3YQT , you do not have to be an ARES member to check in. Hope to hear you all on the air.

Thanks Brad VE3MXJ
E.C. for Thunder Bay ARES Group

**Next LARC Meeting: October 12,
2017, 7:30 PM, RM 214**

LARC SENATE

Robert Hansen VE3RVA
 Dave Kimpton VE3AVS
 Laurie Bridgett VE3BCD
 Terry Stewardson VA3LU
 Ed Baumann VE3SNW

LARC EXECUTIVE

President: Randy Gottfred VA3OJ
 Vice-President: Bob Hansen VE3RVA
 Treasurer: Bill Unger VE3XT
 Secretary: Karl Hamilton VE3RRP
 Board Member: Mike Skillen VE3EDX
 Board Member: Mark Vaillant VA3MVR
 Board Member: Brad Harris VE3MXJ
 Board Member: To Be Elected

Brad Harris VE3MXJ is stepping down from Canwarn. Karl will be John Sacek's backup in Canwarn. (Brad Harris will remain as LARC ARES Emergency Coordinator.)

John Sacek VA3JMS is stepping down from Public Events Coordinator and Chris Chadwick VA3TBA will be taking that position.

LARC Emergency Coordinator

Brad Harris VE3MXJ 767-0628

ARES District Emergency Coordinator

vacant

CANWARN

VA3JMS John 767-3631
 VE3RRP Karl Hamilton

Public Service Events

Chris Chadwick VA3TBA

Accredited Examiners

VE3FAL Fred Lesnick 577-0789
 flesnick@tbaytel.net
 VE3VAI Lori Bedford 622 – 6386
 ve3vai@tbaytel.net

ABOUT US

The Lakehead Amateur Radio Club (LARC) is an incorporated not for profit group of amateur radio operators in the Thunder Bay area that meet for self education, community service and fellowship. Our meetings are the second Thursday of the month at room 191 McIntyre Building, Confederation College, 7:30 PM. Our postal address is 1100C Memorial Ave. Suite 184, Thunder Bay, Ontario P7B 4A3. This newsletter is published monthly except for July and August by Ed Baumann VE3SNW and questions and submissions may be emailed to hiqnewsletter@gmail.com

Nets in the Thunder Bay Area

Last Monday of every Month - ARES net on VE3YQT - 7 pm
 (you do not have to be an ARES member to check in)

Cook County ARES Response Team (CARRT) net at 0100Z (8 pm) on the BWARC repeater, Grand Portage repeater - 146.655 with CTCSS

Any questions on these or other nets please feel free to contact me at my e-mail: ve3mxj@rac.ca



LARC OPEN ACCESS REPEATERS

VE3YQT(Mount Baldy)147.060 (-600) Phone Patch

VE3TBR (St. Joseph's) 146.820 pl 107.2

442.075 (+5 MHz)**pl 100**
 144.390 APRS

VE3UPP Upsala 145.470 (-600)

What's Happening at LARC Meetings

Well we're into the 2017 session of LARC meetings. We have a solid exec in position and are ready to move forward. You can see on the exe page who stepped up to be the new exec.

For the October meeting we will hopefully have a live to air demo of the new digital mode FT8. This is the newest incarnation of the digital suite from Nobel prize winner Joe Taylor.

When I went to college (long ago and far way) I think of my telecom prof. He was ex-military and didn't suffer young students with silly questions. If some one suggested you could copy signals into the noise you would have been verbally abused. That was the best outcome..... FT8 is copy able in to the noise. Amazing!

So we hope you can attend the October meeting on Thursday October 12 at 7:30 at the McIntyre Building on the Confederation College Building.

As mentioned earlier if you are doing something interesting please contact a member of the executive and we can schedule you into a meeting for a demo.

Tnx 'XT

Former Atlantic Director Ev Price Appointed as Trustee for Canadian Amateur Radio Hall of Fame

The RAC Board is pleased to announce that former RAC Atlantic Director Ev Price, VO1DK, has been appointed as a Trustee for the Canadian Amateur Radio Hall of Fame (CARHOF). Ev will be representing the province of Newfoundland and Labrador for a three-year term from September 2017 until September 2020.



RAC Canada 150 Award Operations Update RAC Stations Schedule (as of October 9, 2017)

Volunteers are needed to activate the 14 RAC stations for the RAC Canada 150 Award. For more information visit <http://wp.rac.ca/rac150/>

Election of RAC Director for Ontario South Region



RAC would like to congratulate Phil McBride, VA3QR/VA3KP, on his re-election as RAC Director for the Ontario South Region. Phil was elected by the members of

the region and will take office immediately to complete the two-year term ending December 31, 2019.

This election brought out one of the highest turnouts in recent RAC elections showing the strong interest Ontario South members take in their National Organization.

The Hurricane Watch Net

The Hurricane Watch Net and the operation of WX4NHC at the National Hurricane Center in Miami are manned entirely by volunteers. We generally activate whenever a system has achieved hurricane status and is within 300 statute miles of populated land mass or at the request of the forecasters at National Hurricane Center.

Net operations are conducted on 14.325.00 MHz USB. If operations are required on the 40 meter amateur band, frequency of operation will be posted the home page of our website and the amateur media.

The Hurricane Watch Net serves two purposes:

To disseminate the latest National Hurricane Center advisories on active hurricanes in both the Atlantic and Pacific side of the Americas. This includes transmissions to any maritime amateur radio operators that may be in the affected area.

To gather real-time ground level weather conditions from amateurs in the affected areas and to get these reports to the National Hurricane Center via WX4NHC in a timely and accurate fashion.

Along with these weather reports, often come reports on damaged roads power outages, structural damage, phone and communications links, and of course reports on injuries and deaths. These non-weather report items are usually relayed to other nets in operation on the 20, 40, and 80 meter amateur radio bands who are focusing on Health and Welfare, or by the crew at WX4NHC to the appropriate agencies that stay in touch with the National Hurricane Center.

RAC Scholarships awarded



Every year, through the RAC Foundation, Radio Amateurs of Canada provides grants and scholarships to worthy community programs and to young Amateurs who are enrolled at the post-secondary level in Electrical, Electronic and Software engineering. Students in Science, Technol-

ogy, Engineering and Mathematics (STEM) programs are also considered on a case by case basis.

Once again, we are pleased to announce the granting of two scholarships of \$500 each to two Canadian Amateurs who are studying at Canadian universities. The first recipient is Ezra Widajat, VA3EAW, who is in his second year of Chemical Engineering at McMaster University. In his letter to RAC, Ezra said how honoured and grateful he was to be receiving this award. The second recipient is Jean-Philippe Dubé, VA2PE, who is studying Computer Science at the University of Ottawa. If Jean-Philippe's name sounds familiar it is because he also received a RAC scholarship last year. While at home he likes to provide assistance with the maintenance of the local repeater.

It is thanks to the continued generosity of Amateurs from all parts of Canada that we can support a whole new group of young talented Canadian Amateurs who will contribute to our hobby for years to come. On behalf of Ezra and Jean-Phillipe, thank you for your continued support of this program.

In addition to the Scholarship and Grants Program, RAC also has a Youth Education Program (YEP). Two great examples of how RAC scholarships and the Youth Education Program (YEP) are benefiting young Canadian Amateurs were featured recently in the July/August 2017 issue of The Canadian Amateur magazine. RAC was pleased to support the Regina Amateur Radio Association (RARA) by sponsoring a booth at the STEAM 2017 Festival of Learning as part of the Canada-Wide Science Fair (on page 13). In addition, the RAC Scholarship Program also supported the Manitoba High Altitude Balloon Flight Day event which was featured on the front cover and on pages 18-20 of the magazine.

RAC operates the RAC Foundation in cooperation with the Community Foundation of Ottawa (CFO) which administers and invests the donated funds and disburses the earnings from those invested funds to grant applicants, based upon the advice of the RAC Board. All grant applications should be submitted to the RAC Foundation for processing and recommendation.

If you wish to donate or require further information about the RAC Scholarships and Grants Program, please visit <http://wp.rac.ca/grant-information/> or contact me at ve3xt@rac.ca. For more information on the Youth Education

Program, please visit: <http://wp.rac.ca/youth-education-program/>

Bill Unger, VE3XT
Chair, Scholarship Program

Brian Jackson, VE6JBJ
Chair, Youth Education Program

IARU Administrative Council Addresses New Radio Spectrum Pollution Threat

The Administrative Council (AC) of the International Amateur Radio Union (IARU) held its annual in-person meeting on September 15 and 16 in Landshut, Germany, immediately prior to the IARU Region 1 Conference. The AC reviewed its priorities and positions with regard to the agenda items for the 2019 World Radiocommunication Conference (WRC-19) of the International Telecommunication Union (ITU). High Power Wireless Power Transfer (WPT) for electric vehicles is seen as having a significant potential for interference to radiocommunications. Addressing this threat requires an increased commitment of resources by potentially affected radiocommunication services, including Amateur Radio. In addition to a number of other matters, the AC confirmed the theme for World Amateur Radio Day, April 18, 2018, as "Celebrating Amateur Radio's Contribution to Society".

The AC is responsible for the policy and management of the IARU and consists of the three IARU international officers and two representatives from each of the three IARU regional organizations.

Attending the meeting were IARU President Tim El-lam, VE6SH/G4HUA; Vice-President Ole Garpestad, LA2RR; Secretary David Sumner, K1ZZ; regional representatives Don Beattie, G3BJ, Faisal Al-Ajmi, 9K2RR, Reinaldo Leandro, YV5AM, Ramón Santoyo, XE1KK, Gopal Madhavan, VU2GMN, and Peter Young, VK3MV. Present as an observer for the second day of the meeting was Dave Court, EI3IO, from Region 1.

For more information visit: <http://www.iaru.org/news-events/september-17th-2017>

George Gorsline, VE3YV
RAC International Affairs Officer
Alan Griffin
RAC MarCom Director

Minutes for the Lakehead Amateur Radio Club

Date: September 14, 2017

President, Randy Gottfred VA3OJ Presiding.

Election of Board of Directors:

Incumbent (Past) Board:

President: Randy Gottfred VA3OJ
Vice-President: Bob Hansen VE3RVA
Treasurer: Bill Unger VE3XT
Secretary: Karl Hamilton VE3RRP
Board Member: Axel Rehfuhs VE3OPF
Board Member: Mike Skillen VE3EDX
Board Member: Mark Vaillant VA3MVR
Board Member: Cory Vickruck VE3ZCV

Newly Elected Board:

President: Randy Gottfred VA3OJ
Vice-President: Bob Hansen VE3RVA
Treasurer: Bill Unger VE3XT
Secretary: Karl Hamilton VE3RRP
Board Member: Mike Skillen VE3EDX
Board Member: Mark Vaillant VA3MVR
Board Member: Brad Harris VE3MXJ
Board Member: To Be Elected

Treasurer's Report: Bill Unger VE3XT

Bill Unger VE3XT moves to accept the report as printed in Hi-Q. Seconded by
Chris Chadwick VA3TBA. Passed Unanimously.

Minutes of Previous Meeting:

Karl Hamilton VE3RRP moves to accept the previous meeting's minutes as printed in Hi-Q. Seconded by Glen Wallace VE3ICE. Passed.

Old Business:

Public Service (John Sacek VA3JMS public events coordinator)

Past Events:

Conquer the Dog August 19: At the reception after the race, the organizers thanked LARC for our continued support, and the race attendees gave the radio team a standing ovation.

Xterra Saturday August 26: we were short of volunteers for this event.

Hymer's Fair: weather was good until the last hour. Good attendance. Sold 4 keyers.

Upcoming Events

Caribou Ride Sunday September 10

CIBC Run for the Cure Sunday October 1: will be our last year doing this event.

Christmas Parade November by Norm Bell VE3XRC (Norm will contact organizers and see if LARC needed for this event?)

Santa Shuffle December Bob Hansen VE3RVA

CANWARN John Sacek VA3JMS

June net on 10th for 30 minutes, 7 reporting. Karl Hamilton VE3RRP will replace Brad Harris VE3MXJ as back-up Net Control. At the June Canwarn training, 22 people attended.

ARES Brad Harris VE3MXJ Thunder Bay EC

Monthly Net is the last Monday of the month on repeater VE3YQT.

SET is Saturday October 14th

Repeater News

Randy Gottfred VA3OJ,

Terry Stewardson VA3LU

TBR battery swap and overhaul is being planned. Randy is working on the 10 m repeater.

Club Trailer:

Bob Hansen VE3RVA

Bob reports doing some trailer maintenance.

Fund Raising Committee

Randy Gottfred VA3OJ reports working on a few application for funding.

Field Day

Karl VE3RRP:

Field Day was held at Randy's VA3OJ, on the last week-end of June. Quite a few attended. Thank you Randy and Heather for your hospitality. LARC made Contacts on 40m phone 16, 20m phone 10, 15m CW 14, 15m phone 37, 10m phone 13, for a total of 90.

New Business

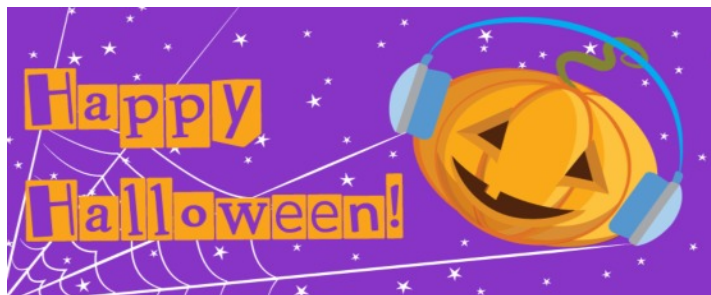
RAC Bulletin Highlights by VE3RRP

50/50 Draw: none this month.

Adjournment moved by: Randy Gottfred VA3OJ

**Next Executive Meeting: October 5,
2017, 7:30 PM, RM 213**

**Next LARC Meeting: October 12,
2017, 7:30 PM, RM 214**



September 2017 Treasurers Report

Balance September 1, 2017 **\$451.77**

Income

September 18, Memberships \$365.00
September 18, June 50/50 draw \$7.00

Total Income **\$372.00**

Expenses

September 11, Bob Hansen Gas for Hymers \$33.00
September 30, Service charge \$0.50

Total Expenses **\$33.50**

Balance September 30, 2017 **\$790.27**

<u>Trailer Account</u>	
Previous Balance	\$138.81
<u>Income</u>	
Interest	\$0.01
Total	\$138.82
<u>Expenses</u>	
Total Expenses:	\$0.00
Balance in Trailer Account	<u>\$138.82</u>

Term Account

September 01 Balance **\$2,058.65**
September Interest **\$0.25**

September 30, Balance **\$2,058.90**

Bill Unger CG3XT
Treasurer



October 2017

Mon	Tue	Wed	Thu	Fri	Sat	Sun
						1
2	3	4	5	6	7	8
9 Thanksgiving	10	11	12 LARC Meeting at Confederation College 1930 hrs.	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31 Halloween			Want an event posted on this calendar? Send the details to hiqnewsletter@gmail.com or post them on our Facebook page		